

## Freeform Search

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<b>Database:</b>	<input type="checkbox"/> US Pre-Grant Publication Full-Text Database <input type="checkbox"/> US Patents Full-Text Database <input type="checkbox"/> US OCR Full-Text Database <input type="checkbox"/> EPO Abstracts Database <input type="checkbox"/> JPO Abstracts Database <input type="checkbox"/> Derwent World Patents Index <input type="checkbox"/> IBM Technical Disclosure Bulletins
<b>Term:</b>  <input type="text" value="L18 same client"/>	  
<b>Display:</b> <input type="text" value="10"/> Documents in <b>Display Format:</b> <input type="checkbox"/> CIT <input type="checkbox"/> Starting with Number <input type="text" value="1"/>	
<b>Generate:</b> <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image	

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### Search History

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DATE: Sunday, June 27, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
		result set	
<b>side by side</b>			
<i>DB=PGPB; PLUR=YES; OP=ADJ</i>			
<u>L19</u>	L18 same client	7	<u>L19</u>
<u>L18</u>	L17 same server	18	<u>L18</u>
<u>L17</u>	(worksapce or collaborat\$5) same servlet	28	<u>L17</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L16</u>	(worksapce or collaborat\$5) same servlet	11	<u>L16</u>
<u>L15</u>	I12 same collaborat\$6	7	<u>L15</u>
<u>L14</u>	L13 same object	33	<u>L14</u>
<u>L13</u>	L12 same (resource or software or workspace or shar\$4)	93	<u>L13</u>
<u>L12</u>	L11 same servlet	186	<u>L12</u>
<u>L11</u>	server same client	19628	<u>L11</u>
<i>DB=PGPB; PLUR=YES; OP=ADJ</i>			
<u>L10</u>	L9 same servlet	32	<u>L10</u>
<u>L9</u>	I7 same L8	1584	<u>L9</u>
<u>L8</u>	(client or proxy) near5 object	3612	<u>L8</u>

L7 server near5 object 5409 L7  
*DB=USPT; PLUR=YES; OP=ADJ*

L6 L5 same servlet 13 L6  
L5 l2 same l3 2080 L5  
L4 l1 same l2 0 L4  
L3 (client or proxy) near5 object 3970 L3  
L2 server near5 object 4949 L2  
L1 5928323 39 L1

END OF SEARCH HISTORY

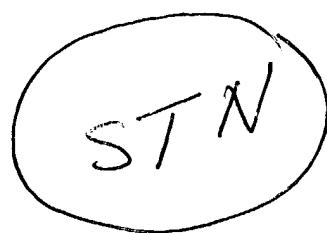
=> d his

(FILE 'HOME' ENTERED AT 01:15:27 ON 27 JUN 2004)

FILE 'COMPENDEX, COMPUAB, COMPUSCIENCE, DPCI, ELCOM, EUROPATFULL, INSPEC'  
ENTERED AT 01:15:45 ON 27 JUN 2004

L1        35257 S CLIENT(50A) SERVER  
L2        341 S SERVER(15A) SERVLET#  
L3        128 S L1(100A) L2  
L4        38 S L3(100A) (RESOURCE# OR WORKSPACE OR SOFTWARE OR COLLABORAT##)

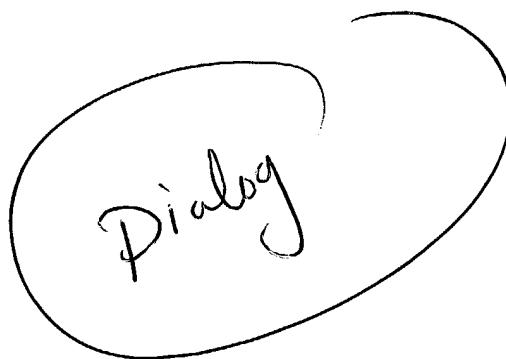
=>



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Set	Items	Description
S1	2	WEB (W) BASED (W) COLLABORATIVE (W) WORKSPACE
S2	56	(WORKSPACE? ? OR COLLABORAT?????) (S) SERVLET? ?
S3	32	S2 (S) SERVER
S4	11	S3 (S) CLIENT
S5	45	S2 NOT S4
	?	



1/9/1 (Item 1 from file: 2)  
DIALOG(R) File 2:INSPEC  
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7037074 INSPEC Abstract Number: C2001-10-7480-076  
Title: A Web-based collaborative workspace using  
Java 3D  
Author(s): Lihui Wang; Wong, B.; Weiming Shen; Sherman Lang  
Author Affiliation: Integrated Manuf. Technol. Inst., Nat. Res. Council  
of Canada, London, Ont., Canada  
Conference Title: Proceedings of the Sixth International Conference on  
Computer Supported Cooperative Work in Design (IEEE Cat. No.01EX472) p.  
77-82

Editor(s): Shen, W.; Lin, Z.; Barthes, J.-P.; Kamel, M.  
Publisher: NRC Res. Press, Ottawa, Ont., Canada  
Publication Date: 2001 Country of Publication: Canada xiv+584 pp.  
ISBN: 0 660 18493 1 Material Identity Number: XX-2001-01734  
Conference Title: Proceedings of the Sixth International Conference on  
Computer Supported Cooperative Work in Design  
Conference Sponsor: Nat. Res. Council Canada; IEEE Canada; Univ. Western  
Ontario, Univ. Waterloo  
Conference Date: 12-14 July 2001 Conference Location: London, Ont.,  
Canada

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The paper presents a framework for building Web-based  
collaborative workspaces using the latest Java technologies-Java 3D,  
JavaServer Page (JSP), and Java Servlet. This Web-based approach allows  
designers, engineers and production managers to share a common workspace  
that can be used for design review, production monitoring, remote control,  
and troubleshooting, based on a set of interactive Java 3D models that  
represent the physical world with common interests. Following a brief  
overview of the related research work, the paper discusses the Java 3D  
concept from its scene graph structure to behavior control, and explains  
our approach to building Web-based collaborative workspaces using Java 3D.  
The proposed framework uses the popular client-server architecture and  
view-control-model design pattern with a secured session control. Control  
logic and the interfaces, which interact with the real world, are handled  
by an application server through servlets. The benefits enabled by the  
framework include reduced network traffic, increased flexibility of remote  
monitoring, interactive control, Web-based synchronous collaboration and  
quick response. It also shows significant potential for various Web-based  
real-time and distributed applications. (15 Refs)

Subfile: C

Descriptors: computerised monitoring; groupware; Internet; Java;  
production engineering computing; telecontrol

Identifiers: Web-based collaborative workspace;  
JavaServer Page; Java Servlet; design review; production monitoring; remote  
control; troubleshooting; interactive Java 3D models; scene graph structure  
; behavior control; client-server architecture; view control model design  
pattern; secured session control; control logic; interfaces; application  
server; reduced network traffic; interactive control; Web-based real-time  
applications; Web-based distributed applications

Class Codes: C7480 (Production engineering computing); C6150N (Distributed systems software); C6130G (Groupware)

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